CLAIMS

1. A method of recording digital data onto a medium, comprising the steps of:
(a) detecting from digital data any additional information electronically embedded therein;
(b) if said additional information is detected, then performing access control for the digital data using said additional information;
(c) scrambling the digital data; and
(d) recording the scrambled digital data onto a medium.

2. The method of claim 1, wherein said step (b) comprises a step of determining whether copying/recording of the digital data is to be stopped or continued.

3. The method of claim 2, wherein said step (b) further comprises a step of embedding a copy mark into the digital data in accordance with a content of said additional information.

4. The method of claim 1 wherein said electronically embedded additional information comprises such additional information that is embedded through a transformation of the data itself.

5. A method of performing playback control of digital data recorded onto a medium, comprising the steps of:
(a) descrambling scrambled digital data;
(b) detecting from the digital data any additional information and copy mark electronically embedded therein; and
(c) performing playback control of the digital data using said additional information and copy mark.

6 The method of claim 5, wherein said electronically embedded additional information comprises such additional information that is embedded through a transformation of the data itself.

7. A video driver card for creating digital data, comprising:
(a) an encoder for receiving analog data and outputting digital data;
(b) means for detecting any additional information electronically embedded in the digital data;
(c) means for adding a copy mark to said additional information in accordance with said additional information; and
(d) means for scrambling the digital data with said additional information.

8. The video driver card of claim 7, wherein said digital data is an MPEG stream, and wherein said encoder is an MPEG encoder.

9. The video driver card of claim 7, wherein said electronically embedded additional information comprises such additional information that is embedded through a transformation of the data itself.

10. A video driver card for decoding digital data, comprising:
(a) means for descrambling scrambled digital data;
(b) means for detecting from the digital data any additional information and copy mark electronically embedded therein; and
(c) means for performing playback control of the digital data using said additional information and copy mark.

11. The video driver card of claim 10, wherein said digital data is an MPEG stream, and wherein said means (c) comprises means for determining whether or not outputting of an MPEG stream is to be performed and for outputting a desired MPEG stream.

12 The video driver card of claim 10, wherein said electronically embedded additional information comprises such additional information that is embedded through a transformation of the data itself.

13 The video driver card of claim 10, wherein said means (c) further comprises means for adding a copy mark to the digital data in accordance with said additional information and copy mark and for outputting the digital data.

14. A recorder for recording digital data onto a medium, comprising:
(a) an encoder for receiving analog data and outputting digital data;
(b) means for detecting any additional information electronically embedded in the digital data;
(c) means for adding a copy mark to said additional information in accordance with said additional information; and
(d) means for scrambling the digital data; and
(e) means for recording the scrambled digital data onto a medium.

15. The recorder of claim 14, wherein said digital data is an MPEG stream, and wherein said encoder is an MPEG encoder.

16. The recorder of claim 14, wherein said electronically embedded additional information comprises such additional information that is embedded through a transformation of the data itself.

17. A player for playing back digital data recorded onto a medium, comprising:
(a) means for reading the digital data from the medium;
(b) means for descrambling the digital data;
(c) means for detecting from the digital data any additional information and copy mark electronically embedded therein; and
(d) means for performing playback control of the digital data using said additional information and copy mark.

18. The player of claim 17, wherein said digital data is an MPEG stream, and wherein said means (d) comprises means for determining whether or not outputting of an MPEG stream is to be performed and for outputting a desired MPEG stream.

19. The player of claim 18, wherein said means (d) further comprises means for adding a copy mark to the digital data in accordance with said additional information and copy mark and for outputting the digital data.

20. The player of claim 17, wherein said electronically embedded additional information comprises such additional information that is embedded through a transformation of the data itself.